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**TB CARE I**

# **TB CARE I - Zambia**

**Year 3  
Quarterly Report  
January-March 2013**

**April 30, 2013**

## Quarterly Overview

<b>Reporting Country</b>	<b>Zambia</b>
<b>Lead Partner</b>	<b>FHI</b>
<b>Collaborating Partners</b>	<b>KNCV, MSH, WHO</b>
<b>Date Report Sent</b>	16/04/2013
<b>From</b>	Seraphine Kaminsa Kabanje
<b>To</b>	USAID-Zambia
<b>Reporting Period</b>	<b>January-March 2013</b>

<b>Technical Areas</b>	<b>% Completion</b>
1. Universal and Early Access	29%
2. Laboratories	33%
3. Infection Control	20%
4. PMDT	8%
5. TB/HIV	0%
6. Health Systems Strengthening	60%
7. M&E, OR and Surveillance	15%
8. Drug supply and management	0%
<b>Overall work plan completion</b>	<b>21%</b>

### Most Significant Achievements

**Universal and Early Access:** The Patient Centered Approach (PCA) activities continued this quarter with implementation of two of the three PCA tools, namely the Literacy tool and the Patient Charter. Ms. Rose Masilani and Dr. Anitha Venon participated in a regional workshop for countries participating in PCA in Mozambique from March 4-8, 2013. The two co-investigators made two presentations of the PCA implementation in Zambia.

**Prevalence Survey:** TB CARE I participated in the prevalence survey meetings and trainings this quarter and has procured all laboratory commodities for culture and microscopy. The project will support digitalization of 3 X-ray machines and procurement of culture equipment (MGIT) next quarter.

**Laboratory:** A workshop to strengthen the quantification skills of 12 reference laboratory staff from the three reference laboratories in the country was held from January 1-7, 2013 with TB CARE I support. The staff received skills on forecasting of TB laboratory commodities that will help prevent the recurrence of laboratory stock-outs. 14 health care workers from non-diagnostic sites in Mumbwa and Serenje districts of Central Province were trained in smear preparation, fixation and transportation to the nearest diagnostic sites. The training is expected to improve TB case detection in the two districts.

**WHO 3 Is:** Assessment of 13 out of 15 target sites for the preparation of the WHO 3 Is project began in March 2013 using assessment tools developed by local and international TB CARE I, CDC, USAID and OGAC staff members. The two prison sites will be assessed in April 2013 to complete all TB CARE supported sites. A report of the assessment will be shared in the next quarter. Five Xpert MTB/RIF machines and accessories were procured and arrived in the country this quarter. Airport clearance will be completed in April 2013. TB CARE I hired 5 clinical and 3 laboratory officers who underwent an intensive orientation focusing on improving their knowledge of TB, current recording and reporting tools, the basics of Xpert MTB/RIF assay and understanding of the WHO 3 Is focus activities.

**TB/HIV:** TB CARE I trained 75 HIV Adherence Support Workers (ASWs) and 72 TB community volunteers in DOTS. The ASWs and the TB treatment supporters play an important role by augmenting the efforts of the Health Care Workers (HCW) in diagnosis and management of the two conditions. A further 23 community volunteers underwent community TB Infection Control training in Central province.

**Infection Control:** An Infection Control Officer was hired this quarter to support IC activities. TB Infection control plans were developed for three facilities in the Northern Province. The country target is 15 facilities this year. 34 health care workers and other facility staff members were trained and facility assessments were conducted for each site as part of the planning process. The facilities are Luwingu District Hospital where 34 were trained (19 females and 15 males), Mpulungu Health Center where 25 were trained (13 males, 12 females) and Mungwi Baptist Rural Health Center where 24 were trained (12 males, 12 females).

**Health Systems Strengthening:** TB CARE I participated in the commemoration of the World TB Day held in Mansa, Luapula province. The WHO representative - Dr. Mwendaweli Maboshe, gave a speech on behalf of the WHO country representative and the Deputy Minister for Community Development Maternal and Child Health (MCDMCH) gave the keynote address.

**M&E, OR and Surveillance:** The USAID mission conducted data quality assessment visits in four districts in Muchinga province from February 9-14, 2013, accompanied by TB CARE I and MoH representatives. USAID support was evident in the four districts where equipment was procured including patient weigh scales, a water distiller, computers and printers. Laboratory records were up to date and EQA reports were available. Challenges were observed in the facility level data when compared with the district reports and provincial reports with some data missing for some facilities.

#### **Overall work plan implementation status**

TB CARE I began implementation of activities following workplan approval on January 21, 2013 and is currently implementing activities under both USAID, and PEPFAR funding for the WHO 3 Is and the prevalence survey. The project also continued to implement activities under the Ndola District TB infection control demonstration site project. A number of activities were also implemented with carry over Year 2 funds following the demand for community level capacity building in TB control. TB CARE I hired a total of 11 new staff members under FHI360, bringing the total in-country staff number to 30. Ten of the newly hired staff members will focus on the implementation of the WHO 3 Is in Central and Copperbelt provinces. Two other staff members will be hired next quarter to support the NTP with PMDT and Operations Research.









#### **Technical and administrative challenges**










The Ministry of Health has provided a division of labor among two Ministries for activities previously supported by the Ministry of Health. The TB control activities are currently being supported by the Ministry of Community Development, Mother and Child Health (MCDMCH). TB CARE I is currently communicating with both Ministries for implementation of activities.



#### **In-country Global Fund status and update**








TB CARE I has not participated in Global fund activities this quarter.










## Quarterly Activity Plan Report




1. Universal and Early Access			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
1.2 Increased quality of TB services delivered among all care providers (Supply)	1.2.1	Intensify facility and community TB case finding.	WHO	131,306	 25%	Sep	2013	Communication with the Provincial Medical Offices, Provincial TB/Leprosy Liason Officers and District TB/Leprosy/HIV coordinators has been done and planning is underway for trainings to be conducted in the third quarter of APA3.
	1.2.2	Enhance use of revised paediatric guidelines	WHO	21,527	 25%	Jul	2013	This training is planned for the third quarter and will be held in the Copperbelt province. Initial discussios have been held.
	1.2.3	Community involvement in TB case detection	WHO	146,169	 25%	Sep	2013	Communication with the Provincial Medical Offices, Provincial TB/Leprosy Liason Officers and District TB/Leprosy/HIV coordinators has been done and planning is underway for trainings to be conducted in the third quarter of APA3.
	1.2.4	Involvement of the private practitioners in TB surveillance	WHO	21,063	 0%	May	2013	This activity will be implemented in the next quarter with guidance from the NTP.
	1.2.5	(PEPFAR - 3 Is) ICF in prisons	FHI360	14,237	 0%	Jun	2013	Prison baseline assessments and activities will take place in quarter three (3) of APA 3.
	1.2.6	(PEPFAR - 3 Is) Improved diagnosis and management of TB among prison populations	FHI360	7,495	 0%	Jun	2013	Prison baseline assessments and activities will take place in quarter three (3) of APA 3.
	1.2.7	(PEPFAR - 3 Is) Community based TB case detection fully integrated	WHO	79,778	 25%	Jun	2013	Activities planned for quarter 3 under APA 3
	1.2.8	(PEPFAR - 3 Is) Intensified case findings among household contacts	FHI360	67,743	 25%	Jun	2013	Baseline assessment on community activities under the 3 Is initiative have been completed in 14 out of the 18 facilities earmarked for assessment. Preliminary findings indicate that community activities related to TB control are in place. TB CARE I will build on these activities for intensified case finding among household contacts and will procure enablers in the next quarter.



<b>1.2.9</b>	Conduct data collection and analysis on adapted tools	FHI360	116,941	 50%	Jun	2013	Baseline data collection and analysis are complete and a report is available. Quote TB Light data collection and analysis will take place during the last months of implementation of interventions, from April to May 2013. Endline data collection and analysis will be done from end of May 2013.
<b>1.2.10</b>	Participate in patient centered approach regional workshop	FHI360	9,911	 100%	Mar	2013	TB CARE I sponsored two investigators to a PCA regional conference that took place in Mozambique from March 4-8, 2013. This conference was organized by KNCV. A country presentation was made on the baseline data and one month of implementing of the interventions, in the two districts under the intervention arm.
<b>1.2.11</b>	Training of HCW in ACSM	FHI360	12,913	 0%	May	2012	This training will be conducted after the KAP study planned for April 2013 and development of the ACSM strategy
<b>1.2.12</b>	Enhance community participation in ACSM	FHI360	20,992	 0%	Jun	2013	This activity will be conducted after the KAP study and development of the ACSM strategy
<b>1.2.13</b>	ACSM operational plan development	FHI360	7,248	 0%	May	2013	The operational plan will be developed after finalization of the ACSM strategy
<b>1.2.14</b>	Community volunteers training	FHI360	78,148	 100%	Mar	2013	Activity completed. 72 community volunteers were trained in the revised WHO TB modules in three districts of Kabwe, Mpika and Mporokoso. 27 females and 45 males were trained. 72 community volunteers were trained from the previous quarter bringing the total number trained to 144.
<b>1.2.15</b>	Train 125 adherence support workers	FHI360	65,119	 100%	Mar	2013	Activity completed. 75 adherence support workers were trained in the revised WHO TB modules in three districts of Kasama, Nakonde and Mansa. A total of 38 females and 37 males participated in the five days of training.
<b>1.2.16</b>	Provide private practitioners with TB surveillance tools	WHO	11,865	 0%			The activity is being planned for the third quarter with the NTP.
<b>1.2.17</b>	Develop ACSM strategy	FHI360	34,034	 25%	May	2013	Discussions have been held and plans have been made to conduct the ACSM Knowledge Attitude and Practice (KAP) survey from April 14-21, 2013.





	<b>1.2.18</b>	Provide technical support to NTP in program management	KNCV	24,262	 25%	May	2013	Agreements have been made between MOH and KNCV for ACSM consultant, Netty Kamp to provide technical assistance from May 6-18, 2013.
					 29%			





2. Laboratories				Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader			Month	Year	
2.1 Ensured capacity, availability and quality of laboratory testing to support the diagnosis and monitoring of TB patients	<b>2.1.1</b>	Building capacity of laboratory staff in quantification	MSH	21,616	 25%	May	2013	A quantification workshop will be held following collection of data by MOH on facility level consumption of laboratory commodities. Data was also collected for partners supporting procurement of laboratory commodities this quarter.
	<b>2.1.2</b>	Procurement of laboratory equipment and commodities	FHI360	220,830	 25%	Jul	2013	The MOH is collecting data on facility level utilization of TB microscopy and culture commodities this quarter. This data will facilitate procurement of commodities with TB CARE I support.
	<b>2.1.3</b>	Establish a national drug resistant TB specimen referral system	MSH	112,460	 25%	Jul	2013	TB Specimen referral system training will take place on April 28- May 2, 2013 in preparation for the implementation of the courier service. Key personnel have been identified to participate in the training. Packaging and transportation materials are being procured.
	<b>2.1.4</b>	Renovation of laboratory facilities in the target provinces	FHI360	68,238	 0%	Sep	2013	Laboratory site assessments have been planned for May 2013.
	<b>2.1.5</b>	(PEPFAR - 3 Is) Procurement of laboratory equipment and commodities	FHI360	255,069	 75%	Apr	2013	5 GeneXpert machines and accessories were procured in February 2013 and are currently at the airport undergoing clearance.
	<b>2.1.6</b>	(PEPFAR - 3 Is) Establish a GeneXpert sputum specimen referral system	FHI360	157,372	 25%	Jun	2013	Sourcing of vendors for the supply of two vehicles and one motorbike has been done this quarter. The vehicles are expected to be delivered next quarter. Laboratory commodities for specimen referral will be procured next quarter after placement of GeneXpert machines and newly hired laboratory staff.
	<b>2.1.7</b>	(PEPFAR - prevalence survey) Procure lab supplies for prevalence survey	FHI360	721,520	 75%	Apr	2013	Laboratory commodities for the prevalence survey have been procured and delivered to the National Reference Laboratory/Chest Diseases Laboratory.





	<b>2.1.8</b>	(PEPFAR - prevalence survey) vehicles	WHO	161,500	 0%			TB CARE I received approval to procure 3 vehicles for the survey. The vehicles will be procured in the next quarter.
	<b>2.1.9</b>	(PEPFAR - prevalence survey) Procure laboratory equipment for prevalence	FHI360	132,364	 75%	Apr	2013	Laboratory commodities have been procured this quarter and are being delivered to CDL.
	<b>2.1.10</b>	(PEPFAR - prevalence survey) Procurement of laboratory equipment and commodities and digitalization of radiology equipment	FHI360	639,900	 0%	Apr	2013	Procurement of 3 MGIT machines is pending USAID approval because of the cost of the equipment. The digitalization of radiology equipment is awaiting approval in view of the cost of the procedure.
	<b>2.1.11</b>	Support the implementation of the National Courier System for the referral of TB specimens	FHI360	25,980	 50%	Jul	2013	Vendor selection process has began following the baseline assessment conducted last quarter.
	<b>2.1.12</b>	Build capacity for laboratory staff from culture facilities	FHI360	12,509	 100%	Jan	2013	A workshop was held from January 1-7, 2013 to strengthen the capacity of Ministry of Health laboratory staff in the quantification of TB laboratory commodities in Zambia. 12 laboratory staff were trained (9 males, 3 females). This activity was carried over from year two.
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
2.2 Ensured the availability and quality of technical assistance and services	<b>2.2.1</b>	Strengthen EQA culture and DST turnaround time	FHI360	35,554	 0%	Jun	2013	The workshop to train 15 laboratory staff in culture EQA and TB EQA database will be held from June 5-7, 2013.
	<b>2.2.2</b>	Strengthen EQA microscopy turnaround time	FHI360	9,119	 0%	Apr	2013	TB EQA training for Laboratory supervisors will be held from April 2-7, 2013. This will help develop professional skills needed for effective planning and implementation of EQA.
	<b>2.2.3</b>	Supervisory visits for EQA	FHI360	179,259	 50%	Sep	2013	EQA supervisory visits were made in 135 facilities in Muchinga, Northern, Luapula, Central and Copperbelt Provinces. TB CARE I staff provided technical support to Central and Copperbelt Provinces.
	<b>2.2.4</b>	Provide national and provincial level technical support	KNCV	22,364	 25%	Apr	2013	Dr. Valentina Anisimova will provide technical support from April 1-8, 2013. She will co-facilitate in the training of laboratory supervisors on EQA systems and development of quality improvement in the EQA system.
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>







2.3 Ensured optimal use of new approaches for laboratory confirmation of TB and incorporation of these approaches in national strategic laboratory plans	<b>2.3.1</b>	Equip laboratories staff with skills in new diagnostic tools	FHI360	42,140	 0%	Jul	2013	Training in LED microscopy will be conducted from July 10-12, 2013.
	<b>2.3.2</b>	Equip laboratories staff with skills in new diagnostic tools	FHI360	27,357	 50%	Jun	2013	A GeneXpert meeting was held from February 6-8, 2013 to orient members of the technical working group in Genexpert implementation and user operation. A total of 22 participants (12 females, 10 males) attended the training.
					 33%			

3. Infection Control				Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader			Month	Year	
3.2 Scaled-up implementation of TB-IC strategies	<b>3.2.1</b>	Enhance inclusion of IC in facility plans	FHI360	36,632	 25%	Aug	2013	Trainings and preparation of TB IC plans were conducted at three facilities in Northern Province. Luwingu District Hospital in Luwingu District had 34 participants (19 females and 15 males). Mpulungu Health Center in Mpulungu District had 25 participants (13 males and 12 females) and Mungwi Baptist Rural Health Center had 24 participants (12 males and 12 females).
	<b>3.2.2</b>	Intensify TB IC at community level	FHI360	54,636	 0%	Jun	2013	Activity will be implemented from the next quarter. With year two carry over funds, 23 community volunteers (4 females and 19 males) were trained in community IC in Mkushi district.

	<b>3.2.3</b>	(PEPFAR - 3 Is) Enhance inclusion of IC in facility plans	FHI360	70,575	 25%	Sep	2013	Baseline facility assessment in IC was conducted in 8 of the 15 targeted facilities in the Copperbelt and Central provinces. The facilities were Kitwe Central Hospital, Buchi Main Clinic, Chimwemwe Clinic and Zamtan Clinic (Copperbelt Province) and Kapiri Mposhi Urban Clinic, Kabwe General Hospital, Kabwe Mine Hospital and Ngungu Clinic in Central Province. Baseline assessments for Southern and Lusaka provinces will be conducted next quarter by the other implementing partner called CIDRZ.
	<b>3.2.4</b>	Enhance environmental TB IC measures	FHI360	62,026	 25%	Sep	2013	Discussions have been held with the MoH on possible sites that can be renovated. Site assessments are planned for next quarter.
	<b>3.2.5</b>	(PEPFAR - 3 Is) Enhance environmental TB IC measures	FHI360	50,000	 25%	Sep	2013	The baseline facility assessment in IC mentioned in 3.2.3 above included assessment for renovation support and 3 out of the 8 sites are being considered for
					 20%			

4. PMDT			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
4.1 Improved treatment success of MDR TB	<b>4.1.1</b>	Scale up Programmatic Management of Drug Resistant TB (PMDT) activities	WHO	41,740	 0%			Training of focal point staff members is planned for the fourth quarter of project implementation. Recruitment of PMDT staff member is underway with an advertisement placed in the local newspaper.
	<b>4.1.2</b>	Enhance service delivery in MDR-TB sites	FHI360	772,744	 25%	Sep	2013	An agreement was made with the MoH not to proceed with the renovations at the University Teaching Hospital (UTH) due to contractual challenges. Renovations for Kabwe General Hospital will proceed. However a re-assessment was proposed for the site that will be done in the next quarter.
	<b>4.1.3</b>	(PEPFAR) Enhance service delivery in MDR-TB sites	WHO	146,900	 0%	Jun	2013	Following workplan approval to procure one ambulance, WHO will procure the ambulance in the next quarter.
					 8%			

5. TB/HIV			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
5.2 Improved diagnosis of TB/HIV co-infection	5.2.1	(PEPFAR - 3 Is) Improved HIV related services in TB corners	FHI360	19,446	 0%	Sep	2013	Activity planned for next quarter
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
5.3 Improved treatment of TB/HIV co-infection	5.3.1	Establish referral of TB/HIV coinfectd patients from ART clinics to TB corners	FHI360	5,871	 0%	Sep	2013	Activity planned for next quarter
	5.3.2	(PEPFAR - 3 Is) Improved TB management in ART settings	WHO	31,866	 0%	Sep	2013	Activity planned for next quarter
					 0%			

6. Health Systems Strengthening			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
6.2 TB control components (drug supply and management, laboratories, community care, HRD and M&E) form an integral part of national plans, strategies and service delivery	6.2.1	Enhanced technical support and facility mentorship in TB control	WHO	55,370	 0%	Sep	2013	Discussions have been held with Provincial TB/Leprosy Liaison Officers and District TB/HIV/Leprosy Coordinators and plans made for this activity in the next two quarters.
	6.2.2	Provide TB clinics with surveillance tools	FHI360	116,520	 100%	Mar	2013	Activity completed
	6.2.3	Strengthen staff knowledge in different technical areas	FHI360	74,374	 25%	Sep	2013	Preparations are underway for two staff to be trained in the Stop TB strategy in Sondalo, Italy and preparations are underway for training in IC for two MoH staff members in Pretoria, South Africa.
	6.2.4	(PEPFAR - 3 Is) Review and adoption of Tools for Program Implementation (SOPs. Guidelines, Registers etc)	FHI360	2,598	 75%	Jun	2013	TB CARE I has been working with partners on a number of documents including baseline assessment tools, ICF/IPT guidelines and registers that are being finalized. Baseline assessment tools were completed. Facility specific SOPs for Xpert MTB RIF will be developed after the teams complete assessments beginning quarter 3 of APA 3.
	6.2.5	World TB Day commemoration	WHO	22,600	 100%	Mar	2013	Activity completed. The commemoration took place on Monday, March 25 2013, in Mansa, Luapula Province.
					 60%			

7. M&E, OR and Surveillance						Cumulative Technical Completion	Planned Completion		
Outcome	Activity #	Activity	Activity Leader	Approved Budget			Month	Year	Cumulative Progress and Deliverables up-to-date
7.2 Improved capacity of NTPs to analyze and use quality data for the management of the TB program	7.2.1	Strengthen TB/HIV data management	WHO	121,528	<div><div></div></div> 25%		Sep	2013	Discussions have been held and dates set for the next quarter by respective provinces.
	7.2.2	Technical support	WHO	204,240	<div><div></div></div> 25%		Sep	2013	Support provided during training of prevalence survey field staff, this quarter. TA missions were not conducted and are waiting for finalization of digitalization of x-rays and some procurements that were delayed with the approval processes.
	7.2.3	(PEPFAR - 3 Is) Capacity building in TB quality assessments and improvements using process indicators	WHO	20,001	<div><div></div></div> 0%		Jun	2013	Activity planned for quarter 3 APA 3
	7.2.4	(PEPFAR 3 Is)develop the tools for TB QA/QI with assistance from international consultants	WHO	25,764	<div><div></div></div> 0%		Jun	2013	Activity planned for quarter 3 APA 3
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion		Month	Year	Cumulative Progress and Deliverables up-to-date
7.3 Improved capacity of NTPs to perform operations research	7.3.1	Staff capacity building in Operational Research	FHI360	154,146	<div><div></div></div> 25%		Sep	2013	Protocols were reviewed by international facilitators and are being refined by the four teams. An OR Officer will be hired next quarter.
					<div><div></div></div> 15%				

8. Drug supply and management				Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Month				Year		
8.1 Ensured nationwide systems for a sustainable supply of drugs	8.1.1	Provide technical assistance in drug management	KNCV	17,472	<div><div></div></div> 0%	Sep	2013	Discussion with GDF and Program mangement on travel dates to be initiated in the next quarter.	
					<div><div></div></div> 0%				

Total Approved Staffing & Operations Budget	3,632,466
Grand Total Approved Project Budget	9,922,084

## Quarterly MDR-TB Report

Country	Zambia
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Period	JANUARY-MARCH 2013
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### MDR TB cases diagnosed and put on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment	Comments:
Total 2010	118	Unknown	Data not yet available following reconstruction with TB CARE I support last quarter. TB CARE I is in the process of hiring a PMDT Officer to support the NTP. The support will include data collection and reporting.
Total 2011	93	48	
Jan-Mar 2012			
Apr-Jun 2012			
Jul-Sep 2012			
Oct-Dec 2012			
Total 2012	0	0	
Jan-Mar 2013			

## 6. TB CARE I-supported International Visits (technical and management-related trips)

#	Partner	Activity Code	Name	Purpose	Planned month, year	Status	Dates completed	Additional Remarks (Optional)
1	FHI	3.2.2	Stella Kirkendale	Intensify TB IC at community level	Aug-13	Planned		
2	FHI	7.3.1	Carol Dukes Hamilton	Staff capacity building in Operational Research	TBA			
3	FHI	7.3.1	Lisa Dulli	Staff capacity building in Operational Research	TBA			
4	FHI	7.3.1	Aurelie Brunie	Staff capacity building in Operational Research	TBA			
5	KNCV	1.2.3	Netty Kamp	Community involvement in TB case detection	TBA			
6	KNCV	1.2.18	Netty Kamp	Provide technical support to NTP in program management - ACSM	May 6-18, 2013	Planned		
7	KNCV	2.2.1	Valentina Anisimova	Strengthen EQA culture and DST turnaround time	April 1-8, 2013	Planned		
8	KNCV	2.2.4	Valentina Anisimova	Provide national and provincial level technical support	October 7-22, 2012	Completed		
9	KNCV	2.3.1	Valentina Anisimova	Equip laboratory staff with skills in new diagnostic tools	TBA			
10	KNCV	4.1.1	Victor Ombeka	Scale up PMDT activities	October 7-13, 2012, and second visit TBA			
11	KNCV	7.1.2	Eveline Klinkenberg	Technical support for prevalence survey	TBA ( 5			
12	KNCV	7.1.2	Nico Kalisvaart	Technical support for prevalence survey	TBA (4 visits)	Planned	December 9-15, 2012	First visit made to support establishment of data management processes and procedures and define the data management plan.
13	KNCV	7.1.2	Juliana Cuervo Rojas	Technical support for prevalence survey	TBA (3 visits)			
14	KNCV	7.3.1	Eveline Klinkenberg	Staff capacity building in Operational Research	TBA			
15	KNCV	7.3.1	Eveline Klinkenberg	Staff capacity building in Operational Research	TBA			

16	KNCV	8.1.1	Jacques van de Broek	Technical assistance in drug management	TBA			
17	MSH	2.1.1	Charles Kagoma	Building capacity of laboratory staff in quantification	TBA			
18	MSH	2.1.3	Catherine Mundy	Establish a national drug resistant TB specimen referral system	TBA			
19	MSH	2.2.3	Samuel Kinyanjui	Supervisor visits for EQA	TBA			
20	WHO	7.2.4		2 international consultants for 2 weeks to assist in developing and training TOTs in TB QA/QI	TBD			
21	WHO	7.2.2		2 staff for training and pilot of prevalence survey	TBD			
20								
Total number of visits conducted (cumulative for fiscal year)						2		
Total number of visits planned in workplan						30		
Percent of planned international consultant visits conducted						7%		

## Quarterly Photos (as well as tables, charts and other relevant materials)



From left to right: Melinda Roberts (M&E Officer-USAID), Seraphine Kaminsa Kabanje (TB CARE I Project Director), Bernard Sichinga (TB CARE I M & E Technical Officer), George Sinyangwe (Senior Health Advisor-USAID) and Richard Kaweme (TB/HIV Focal Point Person for Nakonde District) during the Data Quality Assessment exercise (DQA) at the Nakonde DMO offices in Nakonde, Muchinga Province from February 11-12, 2013



The DQA team with Isoka District Hospital staff in Isoka, Muchinga Province, February 13, 2013



WHO 3 I's staff Xpert orientation meeting, Serenity Lodge, Lusaka, March 18-28, 2013



TB CARE I staff, Robertson Chibumbya with Chipokota Mayamba Clinic staff in Ndola, Copperbelt Province, during the WHO 3 I's GeneXpert site assessments, March 6, 2013



Grace Kahenya (MSH/TB CARE I) with Kabwe Mine Hospital staff in Kabwe, Central Province, during the WHO 3 I's GeneXpert site assessments, March 14, 2013



TB CARE I staff, Amos Nota and Bernard Sichinga with ZAMTAN Clinic staff in Kitwe, Copperbelt Province, during the WHO 3 I's GeneXpert site assessments, March 5, 2013



Manuela Rehr (KNCV/TB CARE I) facilitating at the GeneXpert Technical Working Group orientation meeting at Pamodzi Hotel in Lusaka, February 6-8, 2013



Participants at the Smear Preparation Training at the Ndola Biomedical School in Ndola, Copperbelt Province, January 15-19 2013



TB IC facility level training in Luwingu, Northern Province, March 11-12, 2013



Rose Mubotu Masilani and Anitha Menon, the PCA investigators from Zambia preparing their presentation at the Regional PCA



World TB Day Commemoration in Mansa, Luapula Province, March 25, 2013



Dr. Mwendaweli Maboshe (WHO TB Technical Advisor) on the left, giving a speech at the World TB day commemoration in Mansa,

## Inventory List of Equipment - TB CARE I



**USAID**  
FROM THE AMERICAN PEOPLE

**TB CARE I**

<b>Organization:</b>	<b>TB CARE I</b>
<b>Country:</b>	<b>Zambia</b>
<b>Reporting period:</b>	<b>January-March 2013</b>
<b>Year:</b>	<b>APA 3</b>

Description (1)	ID numbers (2)	Acquisition date (3)	Acquisition cost (4)	V.A.T (5)	Location (6)	Condition (7)	Disposition date (8)	Title held by (9)	Insurance Policy #
GENE XPRT MACHINE	801639	February 10, 2012	\$23,191.70		CDL LUSAKA	Good		FHI360	P/01/1014/045922/2011
GENE XPRT MACHINE	801638	February 10, 2012	\$23,191.70		LUSAKA	Good		FHI360	P/01/1014/045922/2011
EXAMINATION COUCH	FHI/TBCL ME 029	March 29, 2012	\$353.16		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
EXAMINATION COUCH	FHI/TBCL ME 030	March 29, 2012	\$353.16		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
EXAMINATION COUCH	FHI/TBCL ME 031	March 29, 2012	\$353.16		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
EXAMINATION COUCH	FHI/TBCL ME 032	March 29, 2012	\$353.16		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
EXAMINATION COUCH	FHI/TBCL ME 033	March 29, 2012	\$353.16		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
XRAY VIEWING BOX	FHI/TBCL ME 034	March 29, 2012	\$139.41		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
XRAY VIEWING BOX	FHI/TBCL ME 035	March 29, 2012	\$139.41		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
XRAY VIEWING BOX	FHI/TBCL ME 036	March 29, 2012	\$139.41		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
XRAY VIEWING BOX	FHI/TBCL ME 037	March 29, 2012	\$139.41		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
XRAY VIEWING BOX	FHI/TBCL ME 038	March 29, 2012	\$139.41		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
BEDSIDE SCREENS	FHI/TBCL ME 039	March 29, 2012	\$176.58		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
BEDSIDE SCREENS	FHI/TBCL ME 040	March 29, 2012	\$176.58		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
BEDSIDE SCREENS	FHI/TBCL ME 041	March 29, 2012	\$176.58		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
BEDSIDE SCREENS	FHI/TBCL ME 042	March 29, 2012	\$176.58		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
BEDSIDE SCREENS	FHI/TBCL ME 043	March 29, 2012	\$176.58		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/045922/2011
DELL LATITUDE E6320 Laptop	FX18BS1	April 10, 2012	\$1,857.31		Ndola Office	Good		FHI360	P/01/1007/045858/2011
DELL LATITUDE E6320 Laptop	4GS8BS1	April 10, 2012	\$1,857.31		Ndola Office	Good		FHI360	P/01/1007/045858/2011
DELL LATITUDE E6320 Laptop	7GS8BS1	April 10, 2012	\$1,857.31		LUSAKA	Good		FHI360	P/01/1007/045858/2011
DELL LATITUDE E6320 Laptop	9Y18BS1	April 10, 2012	\$1,857.31		LUSAKA	Good		FHI360	P/01/1007/045858/2011

HP LASERJET M3035MFP	CNRTCH096	April 10, 2012	\$2,839.11		LUSAKA	Good		FHI360	P/01/1007/045858/2011
LCD PROJECTOR	EYJBU010011120 02D5592B	April 10, 2012	\$656.25		LUSAKA	Good		FHI360	P/01/1007/045858/2011
BOOK SHELVES	FHI/TBCL OF 094	April 24, 2012	\$200.78		Ndola Office	Good		FHI360	P/01/1014/046772/2011
BOOK SHELVES	FHI/TBCL OF 095	April 24, 2012	\$200.78		Ndola Office	Good		FHI360	P/01/1014/046772/2011
BOOK SHELVES	FHI/TBCL OF 096	April 24, 2012	\$200.78		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
BOOK SHELVES	FHI/TBCL OF 097	April 24, 2012	\$200.78		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
WAITING BENCHES	FHI/TBCL OF 098	April 24, 2012	\$105.17		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
WAITING BENCHES	FHI/TBCL OF 099	April 24, 2012	\$105.17		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
WAITING BENCHES	FHI/TBCL OF 100	April 24, 2012	\$105.17		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
WAITING BENCHES	FHI/TBCL OF 101	April 24, 2012	\$105.17		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
OFFICE DESK	FHI/TBCL OF 056	May 3, 2012	\$448.36		LUSAKA	Good		FHI360	P/01/1014/046772/2011
OFFICE DESK	FHI/TBCL OF 057	May 3, 2012	\$442.61		LUSAKA	Good		FHI360	P/01/1014/046772/2011
OFFICE DESK	FHI/TBCL OF 058	May 3, 2012	\$442.61		LUSAKA	Good		FHI360	P/01/1014/046772/2011
OFFICE DESK	FHI/TBCL OF 059	May 3, 2012	\$277.27		LUSAKA	Good		FHI360	P/01/1014/046772/2011
OFFICE DESK	FHI/TBCL OF 060	May 3, 2012	\$277.27		LUSAKA	Good		FHI360	P/01/1014/046772/2011
OFFICE DESK	FHI/TBCL OF 061	May 3, 2012	\$277.27		LUSAKA	Good		FHI360	P/01/1014/046772/2011
OFFICE DESK	FHI/TBCL OF 062	May 3, 2012	\$277.27		LUSAKA	Good		FHI360	P/01/1014/046772/2011
OFFICE DESK	FHI/TBCL OF 063	May 3, 2012	\$277.27		Ndola Office	Good		FHI360	P/01/1014/046772/2011
OFFICE DESK	FHI/TBCL OF 064	May 3, 2012	\$277.27		Ndola Office	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 065	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 066	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 067	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 068	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 069	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 070	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 071	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 072	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 073	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011

VISITORS CHAIR	FHI/TBCL OF 074	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 075	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 076	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 077	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 078	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 079	May 3, 2012	\$156.60		NDOLA - Chest Disease Clinic	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 080	May 3, 2012	\$156.60		Ndola Office	Good		FHI360	P/01/1014/046772/2011
VISITORS CHAIR	FHI/TBCL OF 081	May 3, 2012	\$156.60		Ndola Office	Good		FHI360	P/01/1014/046772/2011
SWIVEL CHAIR	FHI/TBCL OF 082	May 3, 2012	\$197.82		Ndola Office	Good		FHI360	P/01/1014/046772/2011
SWIVEL CHAIR	FHI/TBCL OF 083	May 3, 2012	\$197.82		Ndola Office	Good		FHI360	P/01/1014/046772/2011
SWIVEL CHAIR	FHI/TBCL OF 084	May 3, 2012	\$197.82		LUSAKA	Good		FHI360	P/01/1014/046772/2011
SWIVEL CHAIR	FHI/TBCL OF 085	May 3, 2012	\$197.82		LUSAKA	Good		FHI360	P/01/1014/046772/2011
SWIVEL CHAIR	FHI/TBCL OF 086	May 3, 2012	\$197.82		LUSAKA	Good		FHI360	P/01/1014/046772/2011
SWIVEL CHAIR	FHI/TBCL OF 087	May 3, 2012	\$197.82		LUSAKA	Good		FHI360	P/01/1014/046772/2011
SWIVEL CHAIR	FHI/TBCL OF 088	May 3, 2012	\$197.82		LUSAKA	Good		FHI360	P/01/1014/046772/2011
LOCKABLE CABINET	FHI/TBCL OF 089	May 3, 2012	\$362.66		Ndola Office	Good		FHI360	P/01/1014/046772/2011
LOCKABLE CABINET	FHI/TBCL OF 090	May 3, 2012	\$362.66		Ndola Office	Good		FHI360	P/01/1014/046772/2011
LOCKABLE CABINET	FHI/TBCL OF 091	May 3, 2012	\$362.66		LUSAKA	Good		FHI360	P/01/1014/046772/2011
LANDCRUISER HARDTOP	1HZ-0685650	May 11, 2012	\$45,985.15		LUSAKA	Good		FHI360	3031120005175
LANDCRUISER HARDTOP	1HZ-0685909	May 11, 2012	\$45,985.15		Ndola	Good		FHI360	3031120005175
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 126	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
E-PORT REPLICATOR DELL	FHI/TBCL CE 126	February 26, 2013	\$49.81		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
MONITOR 21 " DELL	FHI/TBCL CE 126	February 26, 2013	\$146.93		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL	FHI/TBCL CE 127	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
E-PORT REPLICATOR DELL	FHI/TBCL CE 127	February 26, 2013	\$49.81		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
MONITOR DELL	FHI/TBCL CE 127	February 26, 2013	\$146.93		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 128	February 26, 2013	\$1,289.51		TB CARE -CHIBOMBO HEALTH FACIL	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 129	February 26, 2013	\$1,289.51		TB CARE -NDOLA HEALTH FACILITY	Good		FHI360	2020130000203

LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 130	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 131	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 132	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 133	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 134	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 135	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 136	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 137	February 26, 2013	\$1,289.51		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 138	February 26, 2013	\$1,407.57		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 139	February 26, 2013	\$1,407.57		TB CARE - KAPIRI HEALTH FACILITY	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 140	February 26, 2013	\$1,407.57		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 141	February 26, 2013	\$1,407.57		TB CARE - KITWE HEALTH FACILITY	Good		FHI360	2020130000203
LAPTOP DELL LATITUDE E6430	FHI/TBCL CE 142	February 26, 2013	\$1,407.57		TB CARE OFFICE LUSAKA	Good		FHI360	2020130000203
PRINTER HP LASERJET PRINTER	FHI/TBCL CE 143	February 26, 2013	\$455.24		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203
PRINTER HP LASERJET PRINTER	FHI/TBCL CE 144	February 26, 2013	\$455.24		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203
PRINTER HP LASERJET PRINTER	FHI/TBCL CE 145	February 26, 2013	\$455.24		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203
PRINTER HP LASERJET PRINTER	FHI/TBCL CE 146	February 26, 2013	\$455.24		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203
DESKTOP - CPU DELL LATITUDE E643	FHI/TBCL CE 147	March 11, 2013	\$1,203.57		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203
DESKTOP - CPU DELL LATITUDE E643	FHI/TBCL CE 148	March 11, 2013	\$1,203.57		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203
DESKTOP - CPU DELL LATITUDE E643	FHI/TBCL CE 149	March 11, 2013	\$1,203.57		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203
DESKTOP - CPU DELL LATITUDE E643	FHI/TBCL CE 150	March 11, 2013	\$1,203.57		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203
DESKTOP - CPU DELL LATITUDE E643	FHI/TBCL CE 151	March 11, 2013	\$1,196.23		MOH-PREVALENCE SURVEY	Good		FHI360	2020130000203

(1) Description of equipment: transportation (vehicles), administration (computers, faxes), laboratory equipment or others

(2) Identification number (eg Manufacturer's serial number, model number, Federal stock number, national stock number)

(3) Date of invoice

(4) Total price including any sales tax paid. Use currency on invoice

(5) Note any sales tax charged

(6) Address

(7) Good/fair or bad

(8)+(9) Ultimate disposition data, (in the case of a vehicle) including date of disposal and sales price or the method used to determine current fair market value.

where a recipient compensated TB CARE I for its share. Attach supplementary info